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2 **Additional information on sections of FP monographs:**

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4 **Title:**

5 The title is made up of the active substance and the dosage form. Where available, a recommended INN (or
6 an INN derived from it) is usually used to describe the substance; if no INN or INN exists, then a national
7 non-proprietary name (e.g. a BAN) or another appropriate, established name may be used. The dosage form
8 is derived from the appropriate dosage form general monograph and Standard Terms.

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10 **Related substances test:**

11 In compliance with the ICH guidelines “Specifications: Test Procedures and Acceptance Criteria for New Drug
12 Substances and New Drug Products: Chemical Substances” (ICH Q6A) and “Impurities in new drug products”
13 (ICH Q3B R2), FP monographs limit degradation products arising during manufacture and shelf-life of the
14 finished product, including those impurities of synthesis that are also degradation products. In certain
15 circumstances, it is necessary to identify other impurities of synthesis in the finished product, e.g. when
16 they are detected in the test for related substances at a level greater than the reporting threshold in the
17 finished product. To this end, the FP monograph describes how to identify any such known impurities of
18 synthesis, so that they are not reported and can be excluded from the total of impurities.

19 FP monographs are not designed to control impurities of synthesis that are not degradation products.
20 However, methods provided in the FP monograph could be used to control impurities of synthesis known to
21 be detected by the FP monograph, if validated for that purpose.

22 As with active substance monographs, the Ph. Eur. requirements for FPs are not framed to take account of all
23 possible impurities. It is not to be presumed, for example, that an impurity that is not detectable by
24 means of the prescribed tests is tolerated if common sense and good pharmaceutical practice require that
25 it be absent. It is therefore acknowledged that additional controls may be required to monitor degradation
26 products other than those controlled by the Ph. Eur. FP monograph (e.g. degradation products related
27 to different excipients or containers used, or from a different manufacturing process). It is the responsibility
28 of the marketing authorisation applicant to assess which such impurities shall be monitored. This evaluation
29 shall be part of the MAA that will be assessed by the competent authorities.

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31 **Dissolution test:**

32 The testing procedure (test conditions, limits and acceptance criteria), if specified in the monograph, shall be
33 mandatory unless otherwise stated in the monograph (“unless otherwise justified and authorised”). The
34 dissolution test and limits should be sufficiently discriminatory to assure batch-to-batch consistency and
35 where appropriate, consistency with those batches for which satisfactory evidence of efficacy has been
36 demonstrated.

37 The dissolution test as described in FP monographs is not intended to demonstrate bioequivalence or to
38 compare dissolution profiles in the case of a biowaiver and does not replace such a demonstration or
39 comparison versus the reference product in the MAA. The dissolution test as described in FP monographs is
40 provided for quality control only (batch-to-batch consistency).



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2 As outlined in the ICH Guideline Q6A, for rapidly dissolving products containing active pharmaceutical
3 ingredients which are highly soluble throughout the physiological range, disintegration may be substituted
4 for dissolution testing. When a disintegration test is described instead of a dissolution test in a monograph,
5 licensing authorities may require applicants to demonstrate that the relationship between disintegration and
6 dissolution has been established over shelf-life or that disintegration is more discriminating than dissolution
7 testing. It is expected that development information will be provided in the MAA to support the robustness
8 of the formulation and manufacturing process with respect to the selection of dissolution vs. disintegration
9 testing (ref. ICH Q6A).

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11 **Impurities:**

12 This section lists all impurities, independent of their origin, that are known to be detected by one or other of
13 the tests in the monograph.

14 Impurities already listed in the monograph on the active pharmaceutical ingredient keep their name.

15 Impurities specific to the finished product are designated by "FP-" followed by a letter of the alphabet; this is
16 to avoid confusion with impurities in the active substance monograph.